

a and b , the methanol oxidase promoter of *Pichia pastoris*.

2. (amended) A DNA molecule according to claim 1 wherein the signal peptide has an amino acid sequence which is identical to the amino acid sequence shown as amino acids -20 to -1 of SEQ ID NO: 2 in the Sequence Listing.

3. (amended) A DNA molecule according to claim 1 wherein the signal peptide comprises a *Saccharomyces cerevisiae* invertase signal peptide.

4. (amended) A DNA molecule according to any one of claims 1 to 3 encoding a polypeptide with human BSSL activity in which at least one of the repeat units of 11 amino acids, said repeat units being indicated in SEQ ID NO: 1, is deleted.

5. (amended) A DNA molecule according to any one of claims 1 to 3 coding for a polypeptide which has BSSL activity and has an amino acid sequence which is at least 95% homologous with the sequence according to SEQ ID NO: 3 or SEQ ID NO: 4.

6. (amended) A DNA molecule according to any one of claims 1 to 3 coding for a polypeptide which has the amino acid sequence according to SEQ ID NO: 3 or SEQ ID NO: 4.

7. (amended) A vector comprising a DNA molecule according to any one of claims 1 to 3.

8. (amended) A replicable expression vector according to claim 7 which is capable of mediating expression in *Pichia pastoris* cells of a polypeptide with human BSSL activity.

9. (amended) A vector according to claim 8 which is the plasmid vector pARC 5771, pARC 5799 or pARC 5797.

10. (amended) Host cells of the genus *Pichia* transformed with a vector according to claim 7.

14. (amended) A process for the production of a polypeptide which has human BSSL activity, which comprises culturing host cells according to claim 10 under conditions whereby said polypeptide is secreted into the culture medium, and recovering said polypeptide from the culture medium.

Add new claim 15 below:

15. (new) Host cells according to claim 11 which are PPF-1 transformed with pARC 5771, GS115 transformed with pARC 5799 or GS115 transformed with pARC 5797.